MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of the Work: Construction of C.C. Roads and drains at 16A Cross Bagalagunte in Ward No. 14 Bagalagunte						
	Estimated Cost: Rs 50.0 Lakhs						
	Job Code No: 014-18.000352 D Code 3158.						
	Adm. approval: EE/DD/AS/051/18-19 Dt 04.08.2018						
	Tech. -"- : EE/DD/TS/14/18-19 Dt 08.18.2018						
	Work order No: BBMP/EE/DD/WO/25/2018-19 Dt 09.08.18						
	B-11 No : 1st & Final						
	511 received on Dt 06.06.19						
	Agency: KR/DL Bangalore						

M. A. R. 57 (Rule 116) No. D

Measurement Book

225132

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor or nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
S.No: 1	Earth work excavation by manual means in hard soil including an average horizontal throw upto 50 mt and an average lift upto 0.30m excavated surface Levelled and sides neatly dressed, the disposed earths to be Levelled neatly after breaking of Clods complete as directed by Engineer-in-charge						
	Qty vide page No 225195						
	Total Qty					388.31 m³	
	@ Rs 200.78/m³ Rs 77506.00						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Sl No. 2	providing and laying in PCC grade mix 1:4:8 with aggregate cement @ 180 kg with 40 mm and down size duly CA @ 0.85 m³ FA @ 0.57 m³ Concrete bed in layers not exceeding 15cm thick well compacted in foundation including cost of all materials as directed by engineer at site						
	Qty as per NO. 2						
	Qty 65.65 m³ 61.65 @ 5159.02/m³ Rs 318054=00						
Sl No. 3	Design mix M_{20} with ope cement @ 320 kg/m³ with 20 mm and down size duly CA 0.69 m³ FA 0.46 m³ with superplasticizer @ 3 lts confirming to IS 9103-1999 etc as directed by engineer at site.						

M. A. R. 57 (Rule 116) No. D
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	For bottom drain in front of Sports School	1	50.0	1.20	0.15	9.0 m³	
		1	50.0	1.20	0.15	9.0	
		1	52.0	1.20	0.15	9.36	As Right side
		1	50.0	1.20	0.15	9.0	
		1	50.0	1.20	0.15	9.0	
	Std Cells.	1	52.0	1.20	0.15	9.36	As Right side
		24	50.0	0.15	0.70	126.0	
		8	50.0	0.15	0.70	42.0	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	5.20	0.15	0.70	10.92 m	For Q/S
		2	50.0	0.15	0.70	10.50 m	
		2	50.0	0.15	0.70	10.50 m	
		2	52.0	0.15	0.70	10.92 m	For L/S
	Culvert —	1	12.0	2.89	0.20	6.93 m	
	Culvert Walls -	2	12.0	0.45	2.0	21.60 m	
	culvert Slab -	1	12.0	2.89	0.25	8.67 m	
						155.76 m3	
						@ 6963.00 Rs	1084909.00

M. A. R. 57 (Rule 116) No. D

Measurement Book

225134

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Sl No 4	Supplying fitting and placing TMT Fe 500 Reinforcement as per routine						
	Qty up No 225136 & this no 225134						
	Total Qty					10.89 Mts	
	@ 6642.14 MT					Rs 72330	
Sl No 5	Providing and removing centring shuttering propping etc and removing form works for vertical surface such as walls at any thickness including attached pilasters etc as directed by Engineer at site						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Sl No 7	providing and fixing precast Solid Concrete Kerb Stones ~~(Sectional)~~ made out of NO 272.21 CC 1:2:4 with top and bottom width 114 and 165 mm respectively. 400mm length and 450 mm Length finished with cm 1:3 plastering and finished cutting including etc as directed by engineer as directed by Engineer at Site.						
	At Gandhi Statue point	2	50.0	-	-	100.0	
		2	50.0	-	-	100.0	
		2	52.0	-	-	104.0	
		2	50.0	-	-	100.0	
		2	50.0	-	-	100.0	
		2	52.0	-	-	104.0	
						304.0 NO	
						608	
						68	
	Multiplication: 1 x 68.0					Total Qty 676.0	

13/6/19
EE(D)

M. A. R. 57 (Rule 116) No. D
Measurement Book
225136

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Refer to Measu
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Total Qty	NO	-	-	-	676.0 NO	
				@	731.78	NO	Rs 2
Sl No 8	Painting two coats of Ist quality with synthetic en to approved shades on new plastered concrete with materi						
		2	50.0	-	0.45	45.0	
		2	50.0	-	0.45	45.0	
		2	52.0	-	0.45	46.80	
						136.80 m²	
				@	69.96/m²		

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
SL No-11	providing and laying spreading and compacting stone aggregates to wet mix macadam specifications including premixing the materials with water using mechanical m/c plant etc as directed by Engineer at site.						
	For road Qty. -	1	50.0	6.0	0.15	45.0 m³	measurement carried from page NO 285197
		1	50.0	6.0	0.15	45.0 "	
		1	10.0	6.0	0.15	9.0 "	
						99.0 m³	
						@ 1768.08/m³	Rs 175040.00

M. A. R. 57 (Rule 116) No. D
Measurement Book
225138

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
SL NO 12	Construction of dry lean Cement Concrete of mix of 1:5:10 with ope cement @ 160 bags with 25 mm down size graded granite metal coarse aggregate of 0.86 m³ FA @ 0.58 m³ Sub-base over all prepared subgrade with cement ratio not exceed 1:5:1 and FA confirming and ratio not exceed by Less than 160 kg/m³ Cement Content to be determined during Trial length construction etc as directed by Engineer at site.						
	oppo. Sparsh school.	1	50.0	6.0	0.15	45.0 m³	
		1	50.0	6.0	0.15	45.0 "	
		1	10.0	6.0	0.15	9.0 "	
						99.0 m³	
						@ 3986.66/m³	Rs 394679.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
NO. 13	Cement Concrete pavement of unreinforced pcc pavement thickness as per design over a prepared sub base with ope cement or any other type as per clause 1051.2.2 with 25 mm and down size stony and fine aggregates with superplasticizers @ 3lts confirming to IS9103: 1999 Beautimix FE 208 mixed in Concrete mixer of not less than 0.6 m3 capacity and appropriate weigh batcher etc and directed by Engineer at site						
	oppo spoorthi school.	1	50.0	6.0	0.15	45.0 m³	
19		1	50.0	6.0	0.15	45.0 m³	13/6/19
		1	10.0	6.0	0.15	9.0 m³	EE(D)
						99.0 m³	
						LESS 0.5 m³	
						98.5 m³	
						@ 821/- per m³	Rs 615578=00

M. A. R. 57 (Rule 116) No. D

Measurement Book

225133

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
SL No' 13	Vacuno dewatering with VSW pump and suction mat and compaction with 5HP floater clubbed with floating discharging pipe & generator 10HP mechanical screed vibrating, power floater and disc with all lead and lift as directed by Engineer at site						
		1	50.0	6.0	-	300.0 m²	
		1	50.0	6.0	-	300.0 m²	
		1	10.0	6.0	-	60.0 m²	
						660.0 m²	660.0 m²
						@ 95.4/m²	Rs 62964=00

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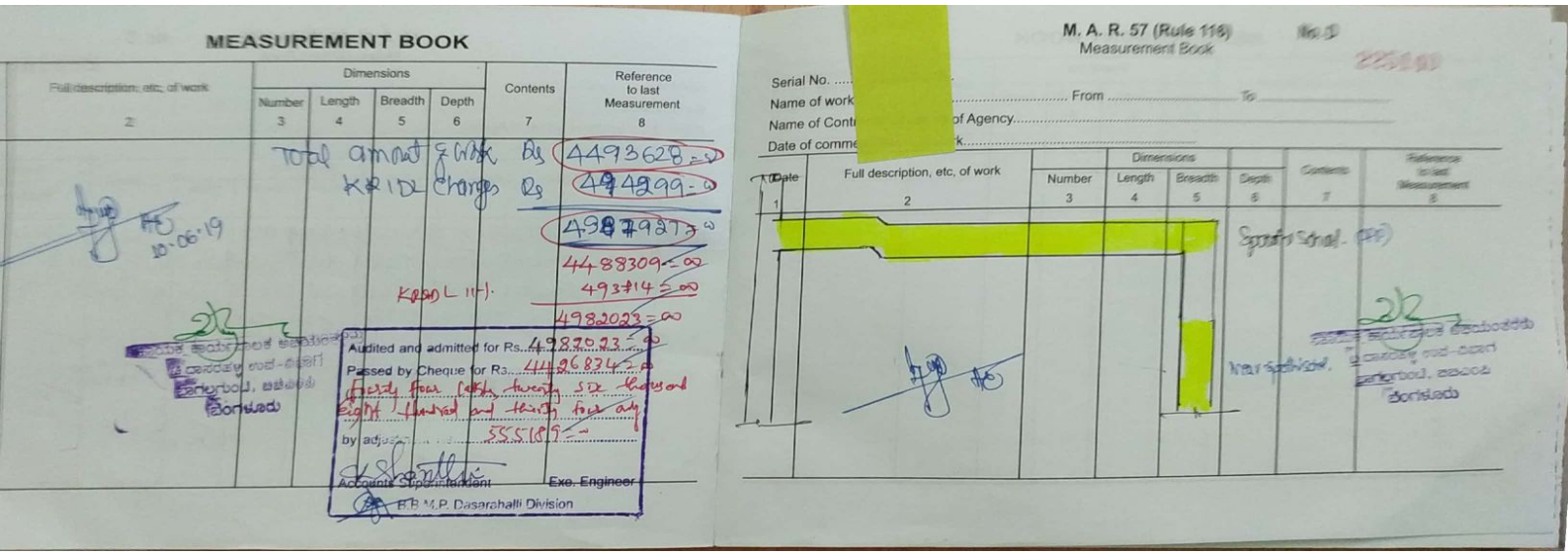

MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
				Total amount of work	Rs	4493628=00
				KRIDL Charges	Rs	44999=00
						4988927=00
						44883=00
						4937=14=00
						4982023=00

Audited and admitted for Rs. 4982023=00
Passed by Cheque for Rs. 4429683=00
Forty four lakhs twenty six thousand Eight Hundred and thirty three only
by adjustment 55519=00
Accounts Superintendent Exe. Engineer
B.B.M.P. Dasarahalli Division

M. A. R. 57 (Rule 118) No. 1
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor ..... of Agency .....
Date of commencement ..... of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

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